

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111922AL\  
 Data File : FE038850.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Nov 2022 04:41  
 Operator : YP\AJ  
 Sample : 5 PPM ALIPHATIC HC STD5  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 19 05:35:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 111922.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 19 05:09:23 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units  |
|--------------------------------|--------|------------|-------------|
| -----                          |        |            |             |
| System Monitoring Compounds    |        |            |             |
| 9) S ortho-Terphenyl (SURR)    | 11.953 | 867769     | 5.547 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.09%      |
| 12) S 1-chlorooctadecane (S... | 13.388 | 665680     | 5.513 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 11.03%      |
| Target Compounds               |        |            |             |
| 1) T n-Nonane (C9)             | 3.352  | 787368     | 5.555 ug/ml |
| 2) T n-Decane (C10)            | 4.599  | 772488     | 5.542 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.302  | 873868     | 5.494 ug/ml |
| 4) T n-Dodecane (C12)          | 6.761  | 779283     | 5.528 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.396  | 819952     | 5.479 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.587  | 790401     | 5.534 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.193 | 809833     | 5.539 ug/ml |
| 8) T n-Octadecane (C18)        | 11.635 | 818249     | 5.561 ug/ml |
| 10) T n-Eicosane (C20)         | 12.943 | 788765     | 5.556 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.555 | 791936     | 5.573 ug/ml |
| 13) T n-Docosane (C22)         | 14.141 | 774678     | 5.542 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.243 | 767174     | 5.555 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.263 | 745771     | 5.552 ug/ml |
| 16) T n-Octacosane (C28)       | 17.212 | 744136     | 5.603 ug/ml |
| 17) T n-Tricontane (C30)       | 18.100 | 757392     | 5.735 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.933 | 776560     | 5.823 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.718 | 760337     | 5.746 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 729043     | 5.675 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.197 | 735812     | 5.615 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.118 | 767062     | 5.633 ug/ml |
| -----                          |        |            |             |

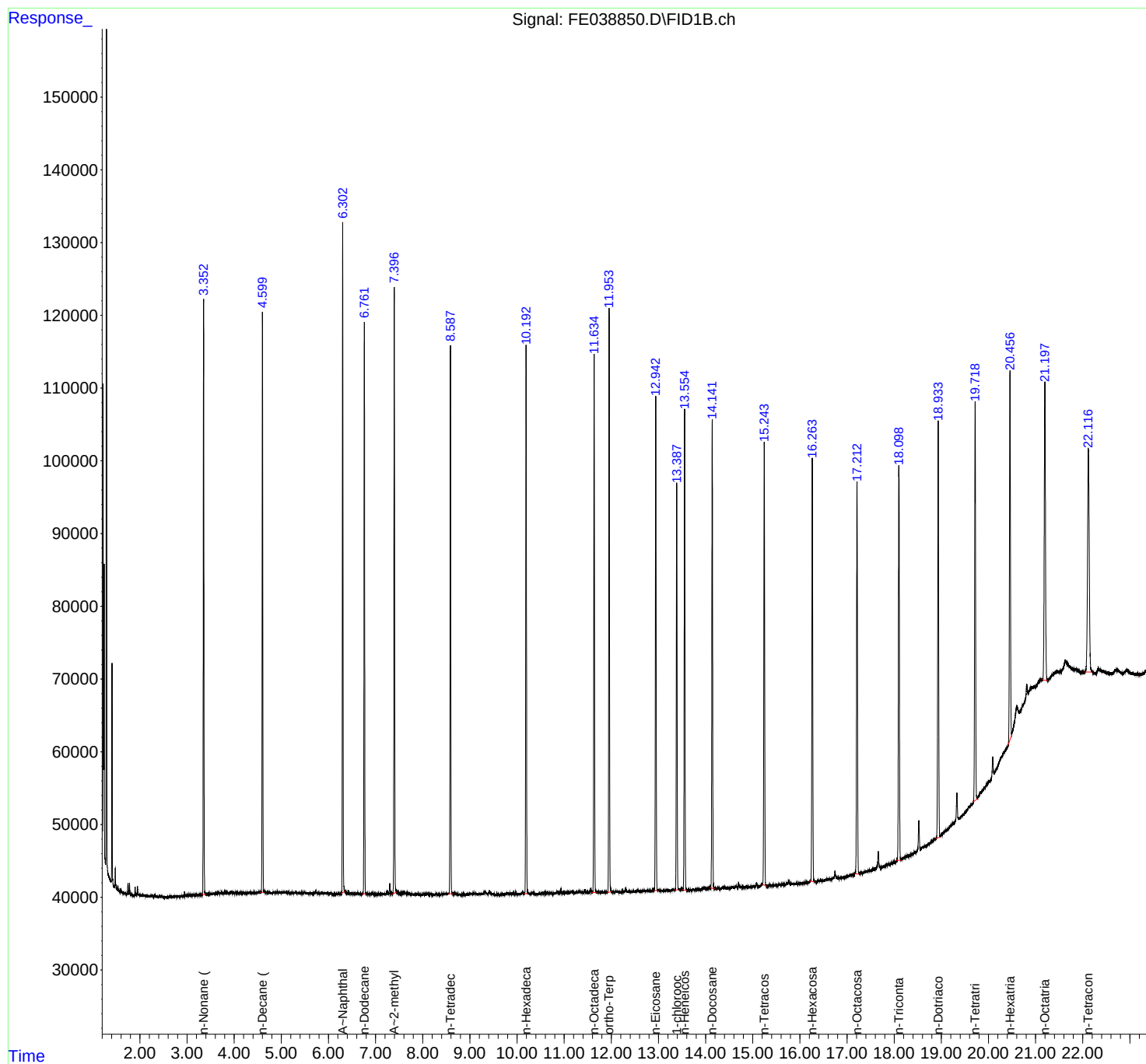
(f)=RT Delta > 1/2 Window

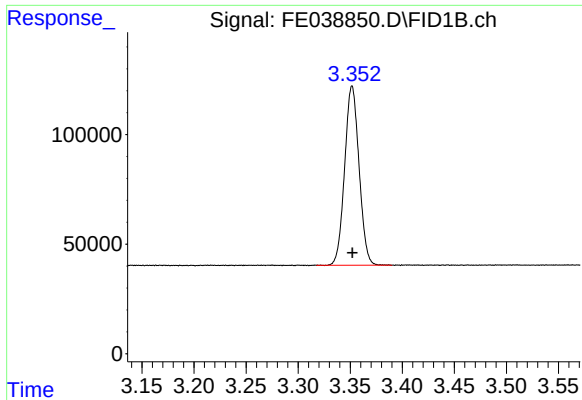
(m)=manual int.

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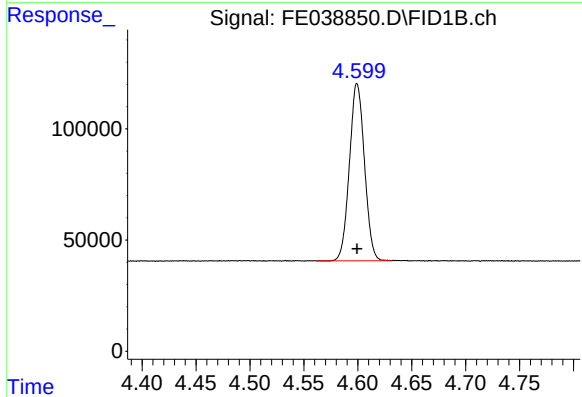
Volume Inj. : 1 uL  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





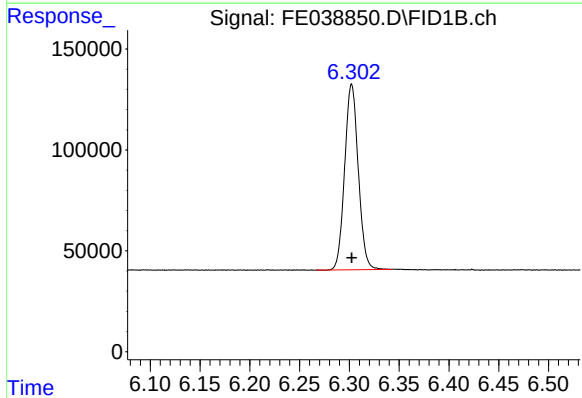
#1 n-Nonane (C9)

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 787368  
Conc: 5.55 ug/ml



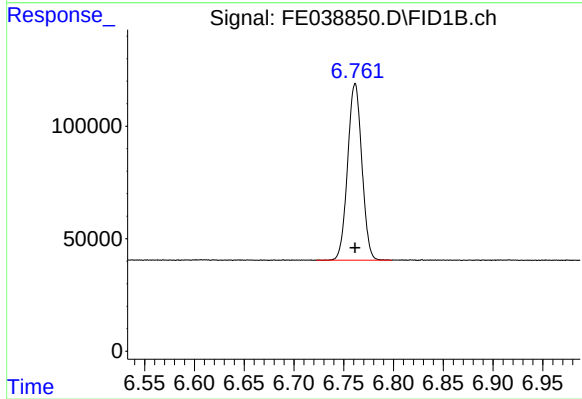
#2 n-Decane (C10)

R.T.: 4.599 min  
Delta R.T.: 0.000 min  
Response: 772488  
Conc: 5.54 ug/ml



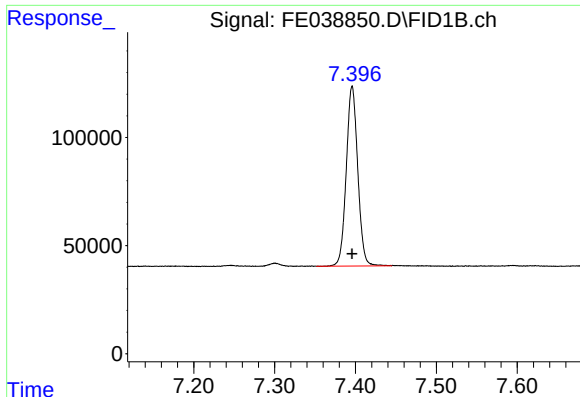
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 873868  
Conc: 5.49 ug/ml



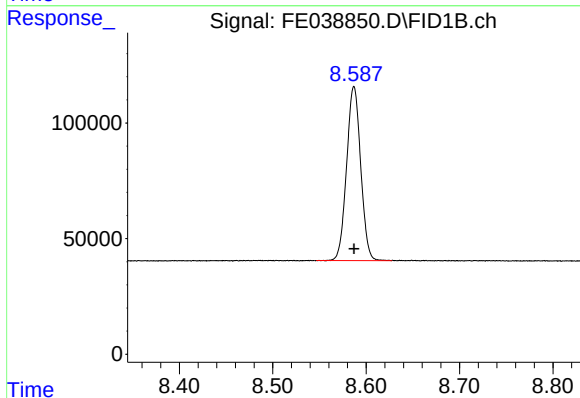
#4 n-Dodecane (C12)

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 779283  
Conc: 5.53 ug/ml



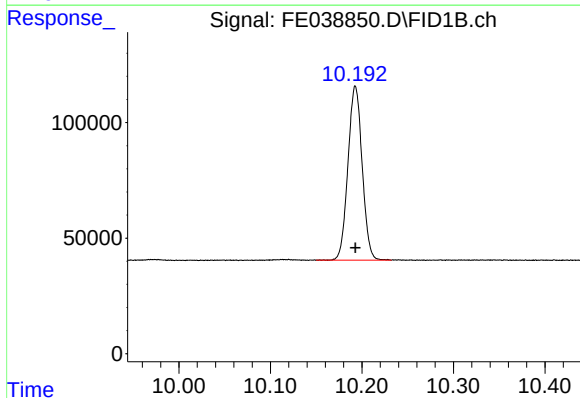
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 819952  
Conc: 5.48 ug/ml



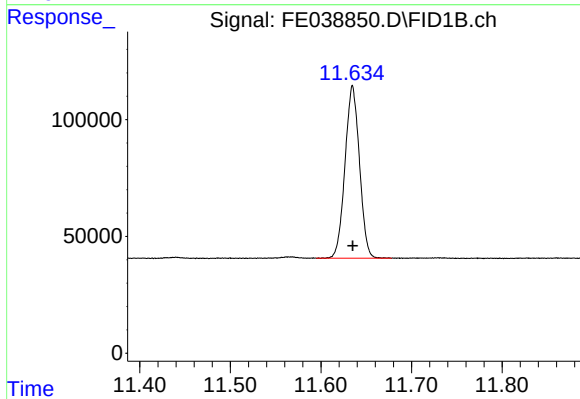
#6 n-Tetradecane (C14)

R.T.: 8.587 min  
Delta R.T.: 0.000 min  
Response: 790401  
Conc: 5.53 ug/ml



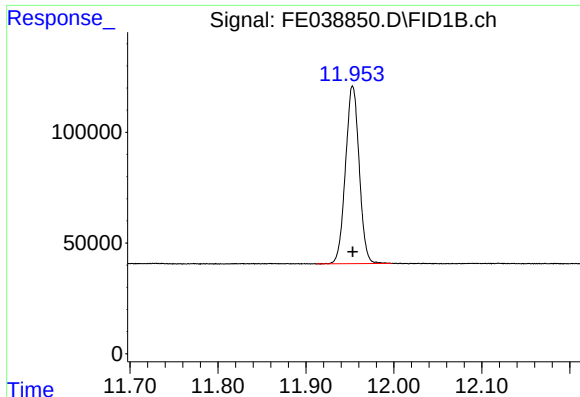
#7 n-Hexadecane (C16)

R.T.: 10.193 min  
Delta R.T.: 0.000 min  
Response: 809833  
Conc: 5.54 ug/ml



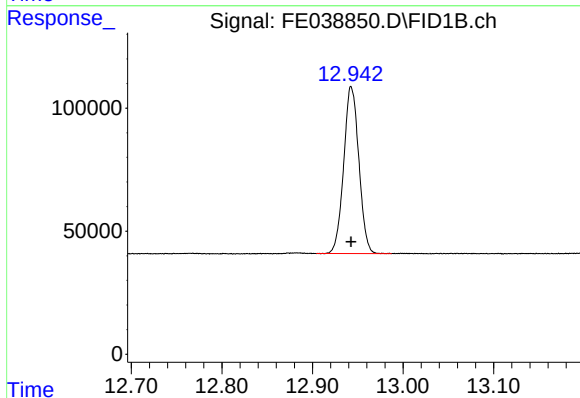
#8 n-Octadecane (C18)

R.T.: 11.635 min  
Delta R.T.: 0.000 min  
Response: 818249  
Conc: 5.56 ug/ml



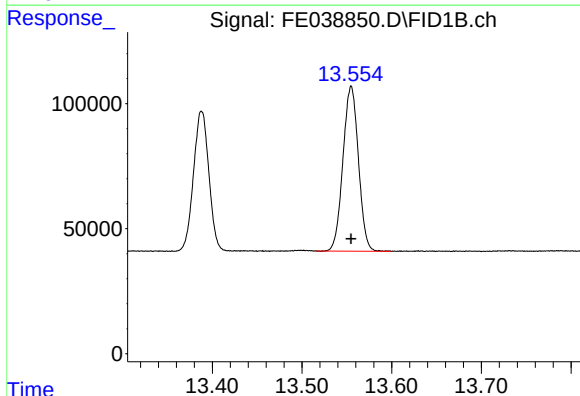
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min  
Delta R.T.: 0.000 min  
Response: 867769  
Conc: 5.55 ug/ml



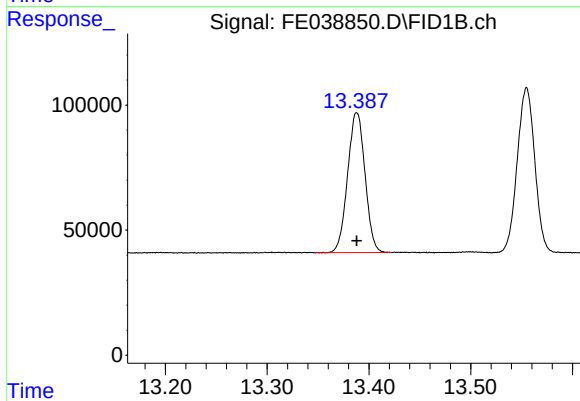
#10 n-Eicosane (C20)

R.T.: 12.943 min  
Delta R.T.: 0.000 min  
Response: 788765  
Conc: 5.56 ug/ml



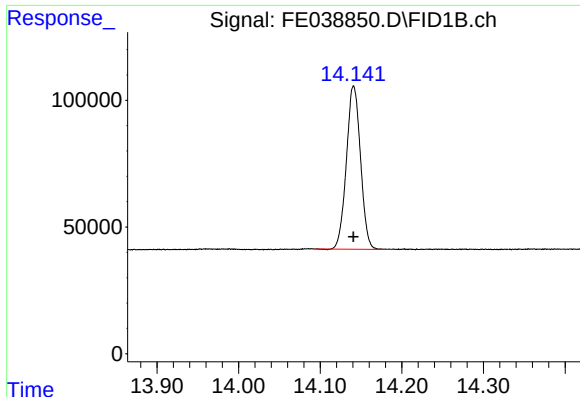
#11 n-Heneicosane (C21)

R.T.: 13.555 min  
Delta R.T.: 0.000 min  
Response: 791936  
Conc: 5.57 ug/ml



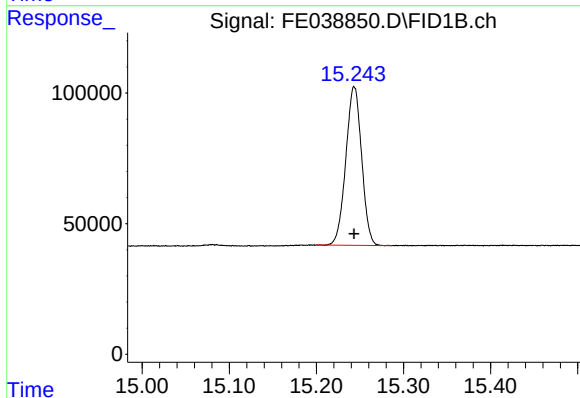
#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min  
Delta R.T.: 0.000 min  
Response: 665680  
Conc: 5.51 ug/ml



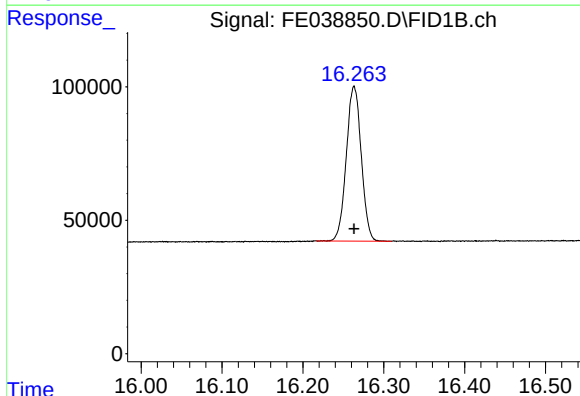
#13 n-Docosane (C22)

R.T.: 14.141 min  
Delta R.T.: 0.000 min  
Response: 774678  
Conc: 5.54 ug/ml



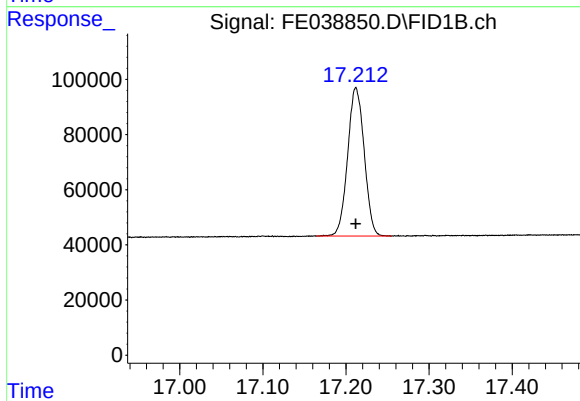
#14 n-Tetracosane (C24)

R.T.: 15.243 min  
Delta R.T.: 0.000 min  
Response: 767174  
Conc: 5.56 ug/ml



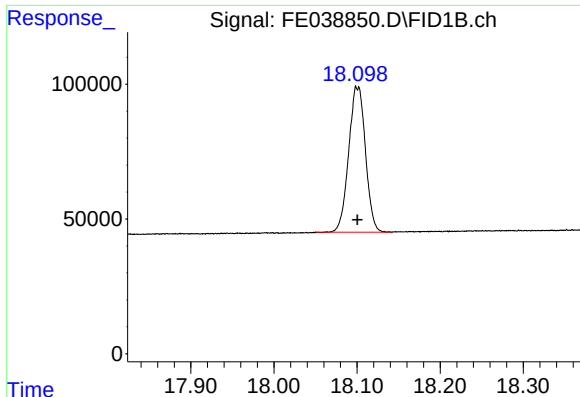
#15 n-Hexacosane (C26)

R.T.: 16.263 min  
Delta R.T.: 0.000 min  
Response: 745771  
Conc: 5.55 ug/ml



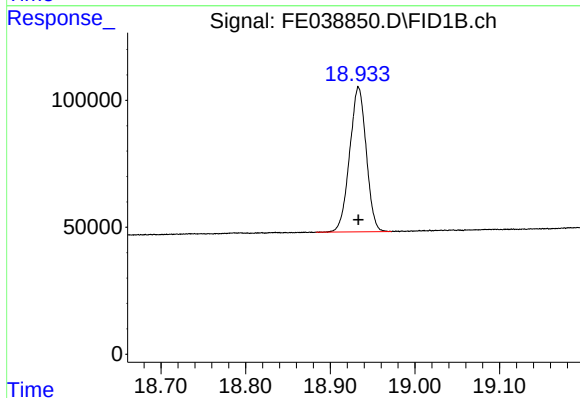
#16 n-Octacosane (C28)

R.T.: 17.212 min  
Delta R.T.: 0.000 min  
Response: 744136  
Conc: 5.60 ug/ml



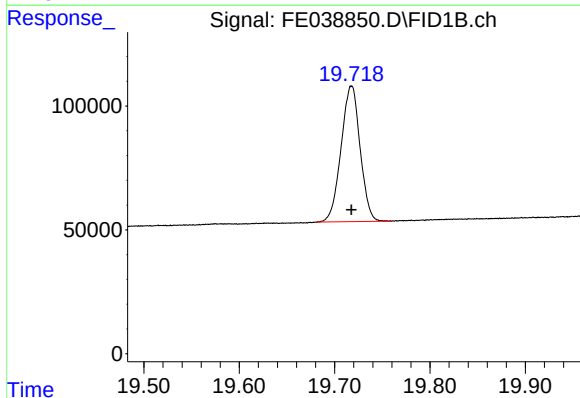
#17 n-Tricontane (C30)

R.T.: 18.100 min  
Delta R.T.: 0.000 min  
Response: 757392  
Conc: 5.74 ug/ml



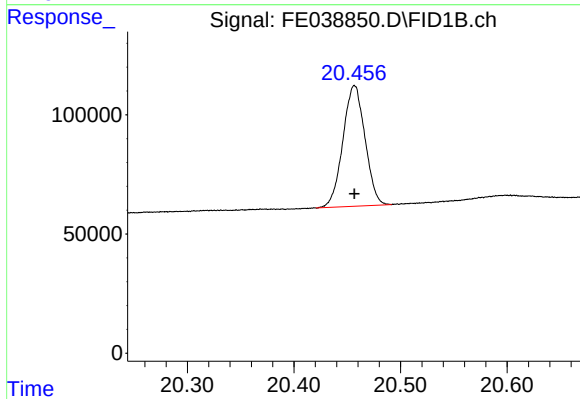
#18 n-Dotriacontane (C32)

R.T.: 18.933 min  
Delta R.T.: 0.000 min  
Response: 776560  
Conc: 5.82 ug/ml



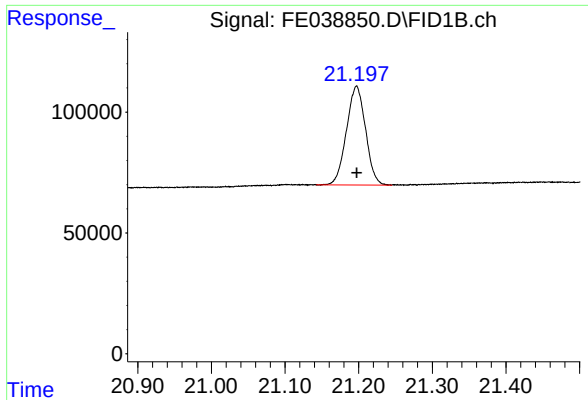
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min  
Delta R.T.: 0.000 min  
Response: 760337  
Conc: 5.75 ug/ml



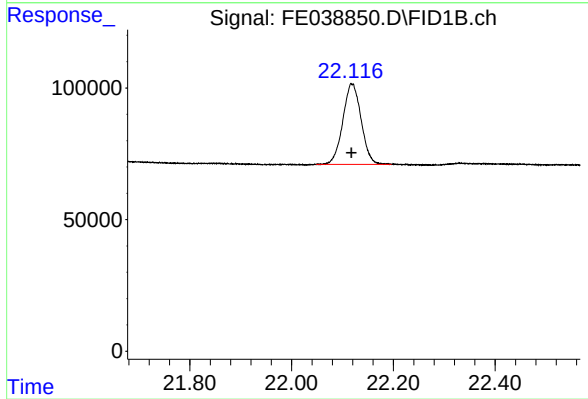
#20 n-Hexatriacontane (C36)

R.T.: 20.457 min  
Delta R.T.: 0.000 min  
Response: 729043  
Conc: 5.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min  
Delta R.T.: 0.000 min  
Response: 735812  
Conc: 5.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.118 min  
Delta R.T.: 0.000 min  
Response: 767062  
Conc: 5.63 ug/ml